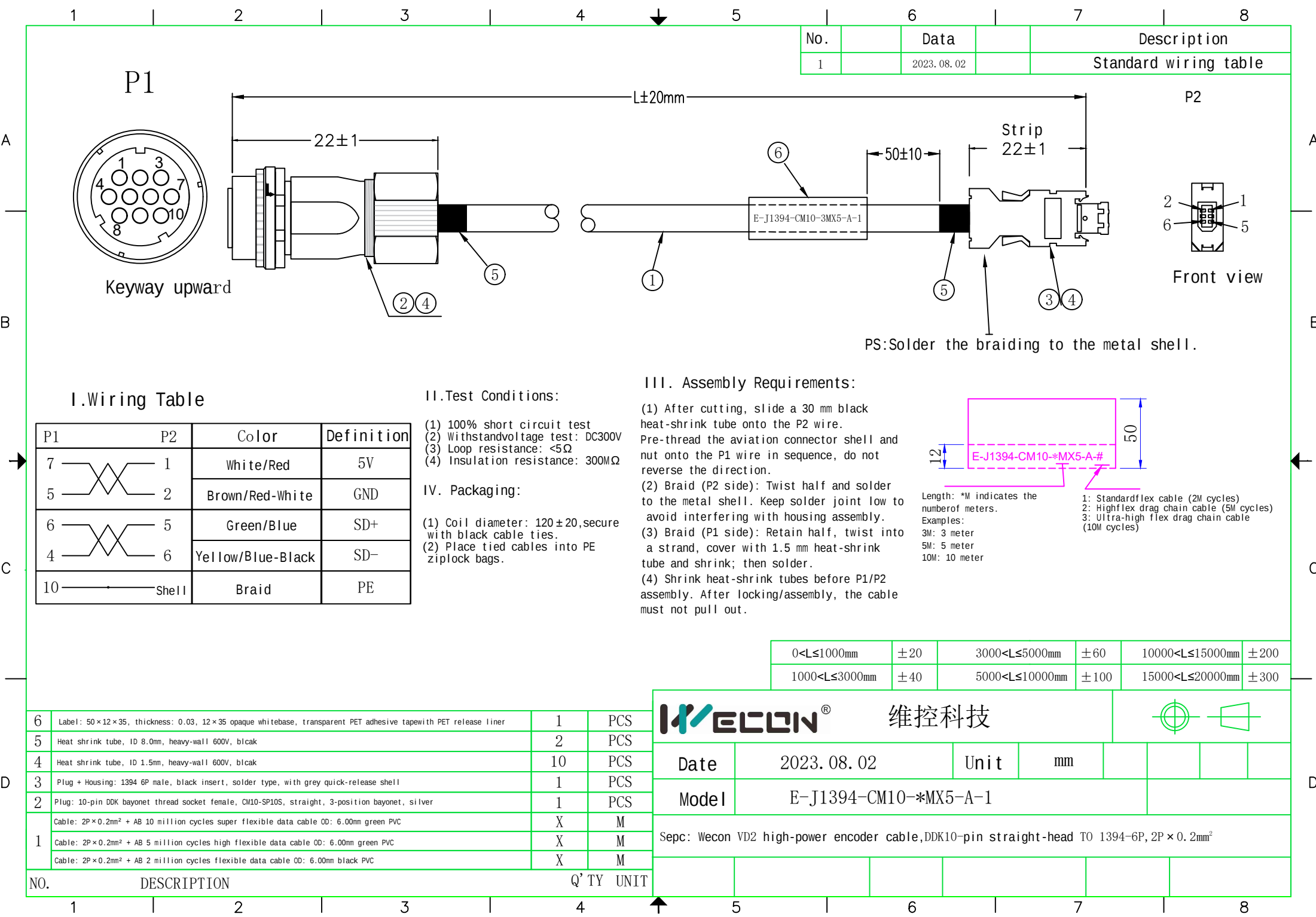




No.	Data	Description
1	2023. 08. 02	Standard wiring table

I. Wiring Table

P1	P2	Color	Definition
7	1	White/Red	5V
5	2	Brown/Red-White	GND
6	5	Green/Blue	SD+
4	6	Yellow/Blue-Black	SD-
10	Shell	Braid	PE

II. Test Conditions:

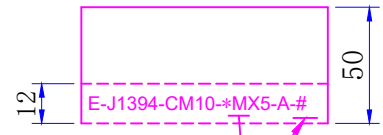
- (1) 100% short circuit test
- (2) Withstand voltage test: DC300V
- (3) Loop resistance: $<5\Omega$
- (4) Insulation resistance: 300M Ω

IV. Packaging:

- (1) Coil diameter: 120 ± 20 , secure with black cable ties.
- (2) Place tied cables into PE ziplock bags.

III. Assembly Requirements:

- (1) After cutting, slide a 30 mm black heat-shrink tube onto the P2 wire. Pre-thread the aviation connector shell and nut onto the P1 wire in sequence, do not reverse the direction.
- (2) Braid (P2 side): Twist half and solder to the metal shell. Keep solder joint low to avoid interfering with housing assembly.
- (3) Braid (P1 side): Retain half, twist into a strand, cover with 1.5 mm heat-shrink tube and shrink; then solder.
- (4) Shrink heat-shrink tubes before P1/P2 assembly. After locking/assembly, the cable must not pull out.



Length: *M indicates the number of meters.
Examples:
3M: 3 meter
5M: 5 meter
10M: 10 meter

1: Standard flex cable (2M cycles)
2: Highflex drag chain cable (5M cycles)
3: Ultra-high flex drag chain cable (10M cycles)

$0 < L \leq 1000\text{mm}$	± 20	$3000 < L \leq 5000\text{mm}$	± 60	$10000 < L \leq 15000\text{mm}$	± 200
$1000 < L \leq 3000\text{mm}$	± 40	$5000 < L \leq 10000\text{mm}$	± 100	$15000 < L \leq 20000\text{mm}$	± 300

D

6	Label: $50 \times 12 \times 35$, thickness: 0.03, 12 $\times$ 35 opaque white base, transparent PET adhesive tape with PET release liner	1	PCS
5	Heat shrink tube, ID 8.0mm, heavy-wall 600V, black	2	PCS
4	Heat shrink tube, ID 1.5mm, heavy-wall 600V, black	10	PCS
3	Plug + Housing: 1394 6P male, black insert, solder type, with grey quick-release shell	1	PCS
2	Plug: 10-pin DDK bayonet thread socket female, CM10-SP10S, straight, 3-position bayonet, silver	1	PCS
1	Cable: $2P \times 0.2\text{mm}^2$ + AB 10 million cycles super flexible data cable OD: 6.00mm green PVC	X	M
	Cable: $2P \times 0.2\text{mm}^2$ + AB 5 million cycles high flexible data cable OD: 6.00mm green PVC	X	M
	Cable: $2P \times 0.2\text{mm}^2$ + AB 2 million cycles flexible data cable OD: 6.00mm black PVC	X	M

NO.	DESCRIPTION	Q' TY	UNIT
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 维控科技							
Date	2023. 08. 02	Unit	mm				
Model	E-J1394-CM10-*MX5-A-1						
Spec: Wecon VD2 high-power encoder cable,DDK10-pin straight-head TO 1394-6P, 2P × 0.2mm ²							

1	2	3	4	5	6	7	8
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